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Sequence Listing could not be accepted.

If you need help call the Patent Electronic Business Center at (866) 217-9197 (toll free).

Reviewer: Anne Corrigan

Timestamp: [year=2008; month=8; day=20; hr=15; min=3; sec=27; ms=320; ]

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\*\*\*\*\*

Reviewer Comments:

<210> 15

<211> 20

<212> DNA

<213> Artificial Sequence

<220>

<223> Synthetic oligonucleotide

<220>

<221> misc\_feature

<222> 4

<223> N = tetrafluoroindole

<400> 15

ctgntagcct ctggatttga

20

FYI: "n" can only represent a single nucleotide, nothing else. This use of "n" also appears in subsequent sequences.

\*\*\*\*\*

Application No: 10592919 Version No: 2.0

**Input Set:****Output Set:**

**Started:** 2008-08-20 13:19:57.478  
**Finished:** 2008-08-20 13:19:59.363  
**Elapsed:** 0 hr(s) 0 min(s) 1 sec(s) 885 ms  
**Total Warnings:** 47  
**Total Errors:** 0  
**No. of SeqIDs Defined:** 48  
**Actual SeqID Count:** 48

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W 213	Artificial or Unknown found in <213> in SEQ ID (2)
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W 213	Artificial or Unknown found in <213> in SEQ ID (8)
W 251	Found intentionally skipped sequence in SEQID (9 )
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**Input Set:**

**Output Set:**

**Started:** 2008-08-20 13:19:57.478  
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**Actual SeqID Count:** 48

Error code	Error Description
W 213	Artificial or Unknown found in <213> in SEQ ID (22) This error has occurred more than 20 times, will not be displayed

# SEQUENCE LISTING

<110> Michael, T. Migawa  
 Walter F. Lima  
 Eric E. Swayze  
 Joshua Nichols  
 Hongjiang Wu  
 Thazha P. Prakash  
 Tadeusz Krzysztof Wyrzykiewicz  
 Balkrishen Bhat  
 Stanley T. Crooke

<120> COMPOSITIONS AND METHODS FOR OPTIMIZING  
 CLEAVAGE OF RNA BY RNASE H

<130> CORE0037USA

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 <141> 2008-08-20

<150> PCT/US2005/008428  
 <151> 2005-03-15

<150> 60/609,516  
 <151> 2004-09-13

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 <151> 2004-04-29

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<210> 14  
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<p>&lt;400&gt; 15</p> <p>ctgntagcct ctggatttga</p>	20
<p>&lt;210&gt; 16</p> <p>&lt;211&gt; 20</p> <p>&lt;212&gt; DNA</p> <p>&lt;213&gt; Artificial Sequence</p>	
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<p>&lt;400&gt; 16</p> <p>ctgcnagcct ctggatttga</p>	20
<p>&lt;210&gt; 17</p> <p>&lt;211&gt; 20</p> <p>&lt;212&gt; DNA</p> <p>&lt;213&gt; Artificial Sequence</p>	
<p>&lt;220&gt;</p> <p>&lt;223&gt; Synthetic oligonucleotide</p>	
<p>&lt;220&gt;</p> <p>&lt;221&gt; misc_feature</p> <p>&lt;222&gt; 6</p> <p>&lt;223&gt; N = tetrafluoroindole</p>	
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           2'-S-methylthymidine or 4'-methylthymidine or  
           3'-methylthymidine  
  
 <400> 29  
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 <212> DNA  
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           2'-S-methylthymidine or 4'-methylthymidine or  
           3'-methylthymidine  
  
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           2'-fluorothymidine or 2-thiouridine or  
           2'-S-methylthymidine or 4'-methylthymidine or  
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 linker or cytidine with butyl linker or cytidine  
 with pentyl linker  
  
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